

I CLAIM:

1. A method for operating a mobile communication unit, the method comprising:

- 5 initiating communication between the mobile communication unit and a base station having an SID code;
receiving the SID code at the mobile communication unit;
dialing a number to be called by the mobile communication unit;
determining necessary calling prefixes for placing a call from the
10 mobile communication unit to the number to be called via a base station having the received SID code;
appending necessary calling prefixes to the number to be called;
and
establishing a communication link between the mobile
15 communication unit and the number to be called via the base station having the SID code.

2. The method of claim 1 further comprising:

- creating a database of dialing prefixes required to dial the number
20 to be called from base stations having SID codes; and
wherein the step of determining necessary calling prefixes for placing a call from the mobile communication unit to the number to be called via a base station having the received SID code includes searching the database for the received SID.

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3. The method of claim 1 further comprising:

creating a database of dialing prefixes required to dial the number to be called from base stations having SID codes; and

5 wherein the step of determining necessary calling prefixes for placing a call from the mobile communication unit to the number to be called via a base station having the received SID code includes searching the database for a range of SID codes including the received SID code.

10 4. The method of claim 1 further comprising:

creating a database of necessary dialing prefixes required to dial the number to be called from base stations having SID codes; and

15 wherein the step of determining necessary calling prefixes for placing a call from the mobile communication unit to the number to be called via a base station having the received SID code includes searching the database for the received SID, and if the received SID is not in the database, searching for a range of SID codes encompassing the received SID code.

5. A mobile communication unit for communicating with a number to be called from the mobile communication unit via one of a plurality of base stations each having an SID code, the mobile communication unit comprising:

5 a database for storing the number to be called by the mobile communication unit, together with the SID code of each of the plurality of base stations via which the mobile communication unit may access the number to be called, and for each SID code in the database a dialing prefix required for the mobile communication unit to dial the number to be called via the base station
10 having that SID code;

means for dialing the number stored in the database to be called by the mobile communication unit;

means for initiating communication between the mobile communication unit and the base station having the SID code;

15 means for receiving the SID code at the mobile communication unit from the base station having the SID code;

means for accessing the database and determining the necessary calling prefix for placing a call from the mobile communication unit to the number to be called via a base station having the received SID code;

20 means for modifying the dialed number to form a modified dialed number including the necessary calling prefixes; and

means for establishing a communication link between the mobile communication unit and the number to be called via the base station having the received SID code by transmitting the modified dialed number to the base station

25 having the received SID code.

6. The mobile communication unit of claim 5 wherein the means for determining necessary calling prefixes for placing a call from the mobile communication unit to the number to be called via a base station having the
5 received SID code includes means for searching the database for the received SID code.

7. The mobile communication unit of claim 5 wherein the means for determining necessary calling prefixes for placing a call from the mobile
10 communication unit to the number to be called via a base station having the received SID code includes means for searching the database for a range of SID codes including the received SID code.

8. The mobile communication unit of claim 5 wherein the means for
15 determining necessary calling prefixes for placing a call from the mobile communication unit to the number to be called via a base station having the received SID code includes means for searching the database for the received SID code.

20 9. The mobile communication unit of claim 8 wherein the means for searching the database further includes means for searching the database for a range of SID codes including the received SID code.

10. A computer usable medium for operating a mobile communication unit, comprising:

- 5 computer readable code for initiating communication between the mobile communication unit and a base station having an SID code;
- computer readable code instructions for receiving the SID code at the mobile communication unit;
- computer readable code for dialing a number to be called by the mobile communication unit;
- 10 computer readable code for determining necessary calling prefixes required for placing a call from the mobile communication unit to the number to be called via a base station having the received SID code;
- computer readable code for appending necessary calling prefixes to the number to be called; and
- 15 computer readable code for establishing a communication link via the base station having the SID code between the mobile communication unit and the number to be called with necessary calling prefixes appended.

11. The computer usable medium of claim 10 further comprising:

- 20 a database having necessary dialing prefixes required to dial the number to be called via base stations having SID codes; and
- wherein the computer readable code for determining necessary calling prefixes required for placing a call via a base station having the received SID code from the mobile communication unit to the number to be called
- 25 includes computer readable code for searching the database for the received SID code.

12. The computer usable medium of claim 10 further comprising:
a database on computer readable medium having necessary
dialing prefixes required to dial the number to be called from base stations
5 having SID codes; and

wherein the computer readable code for determining calling
prefixes necessary for placing a call from the mobile communication unit to the
number to be called via a base station having the received SID code includes
computer readable code for searching the database for a range of SID codes
10 including the received SID.

13. The computer usable medium of claim 10 further comprising
a database on computer readable medium having necessary
dialing prefixes required to dial the number to be called from base stations
15 having SID codes; and

wherein the computer readable code for determining necessary
calling prefixes required for placing a call from the mobile communication unit to
the number to be called via a base station having the received SID code includes
computer readable code for searching the database for the received SID code.
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14. The computer usable medium of claim 13 wherein the computer
readable code for searching the database further includes computer readable
code for searching the database for a range of SID codes including the received
SID code.
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15. A method for operating a mobile communication unit (MCU), the method comprising:

- 5 creating a database of access numbers to be called from base stations having SID codes for accessing a desired service via a received SID code;
- initiating communication between the mobile communication unit and a base station having an SID code in the database;
- receiving the SID code at the mobile communication unit;
- 10 requesting that the MCU access the desired service;
- determining the access number in the database for accessing the desired service via the base station having the received SID code; and
- establishing a communication link between the mobile communication unit and the determined access number in the database for
- 15 accessing the desired service via the base station having the SID code.

16. A mobile communication unit comprising:

means for creating a database of access numbers to be called
from base stations having SID codes for accessing a desired service via a
5 received SID code;

means for initiating communication between the mobile
communication unit and a base station having an SID code in the database;

means for receiving the SID code at the mobile communication unit;

means for requesting that the MCU access the desired service;

10 means for determining the access number in the database for
accessing the desired service via the base station having the received SID code;
and

means for establishing a communication link between the mobile
communication unit and the determined access number in the database for
15 accessing the desired service via the base station having the SID code.

17. A computer usable medium for operating a mobile communication unit, comprising:

- computer readable code for creating a database of access numbers to be called from base stations having SID codes for accessing a desired service via a received SID code;
- computer readable code for initiating communication between the mobile communication unit and a base station having an SID code in the database;
- computer readable code for receiving the SID code at the mobile communication unit;
- computer readable code for requesting that the MCU access the desired service;
- computer readable code for determining the access number in the database for accessing the desired service via the base station having the received SID code; and
- computer readable code for establishing a communication link between the mobile communication unit and the determined access number in the database for accessing the desired service via the base station having the SID code.